



**Indiana Office of Energy Development  
Anemometer Loan Program**

**Guidelines and Application**

In an effort to help Indiana businesses, municipalities, schools, and non-profit agencies better evaluate their wind resource, the Indiana Office of Energy Development (OED) will loan wind measurement equipment to select applicants within the state of Indiana. The information will be gathered and housed for the Office and its partners to garner a better understanding of the wind resource availability across our state, ultimately leading to a stronger, more detailed map for use in wind farm development.

## **Equipment**

The equipment includes six anemometers with booms for measurement at varying heights, data collection tools, wind vanes, and a remote data transmission system. One system will also come with a meteorological tower as well. Installation and decommissioning costs will be paid by the applicant.

## **Application and Selection Process**

Any entity falling into the categories listed previously who may be interested in potentially developing wind as an energy resource, no matter the scale, is encouraged to apply. Select sites will be chosen on a first come, first serve basis after careful review of supporting documentation that proves the applicant has met the conditions as outlined below.

To apply, please submit a 2-3 page summary, detailing your interest and rationale for participating in the program. The summary should be submitted electronically to the Grant Contact listed at the end of this document, and should address the following details:

- Wind speed expectations (based on current mapping)
- Location relative to existing data points
- Education plan integration
- Cost share
- Purpose for the use of the data (i.e. part of an overall energy plan)
- Community support for a potential project
- Qualifications of the contractor hired for installation and decommissioning (strong work history, bonding, insurance, and any other supporting documentation)
- Site Drawing – Obstructions such as trees and buildings should be shown with their heights labeled in their relative positions to the project. Site drawing shall be on grid paper and shall include an indication of cardinal directions (i.e. compass rose, north arrow). An aerial view of the property that is properly labeled with the scale and cardinal directions noted is an acceptable substitute.

## **Expectations**

Once selected, grantees will be required to sign a formal contract with OED and adhere to the contents therein. The equipment is expected to be returned within 18 months after installation in a condition indicative of normal use.

As indicated previously, each set of anemometers will come with tools needed to store and transmit the data to a clearinghouse established by the grantee.

Please be advised, however, that each applicant will be required to provide a plan of how the system and data will be used, illustrating technical details and plans for further wind development. A comprehensive education plan is not required, but may lead to a higher score during evaluation should competition arise over the use of the equipment.

Each grantee is required to house the data at their own cost. The grantee will make all data from the anemometer public via a specified location on their web page. OED will make the applicant's site available to the general public via the OED web site, as well. Each applicant is expected to maintain the data in hard copy and submit those results to OED in quarterly reports which will include a narrative description of all activities regarding the anemometer in the previous three months. Failure to maintain the website or any other aspect of the contract will result in the removal of the anemometer at the grantee's expense. Each grantee is required to inform OED of changes to their website that may affect the link being publicized by the State. The grantee must list the Indiana Office of Energy Development as a sponsor on the grantee website, educational and marketing materials, and at grantee events involving the anemometer.

A final summary report must be submitted to OED within one month of the of the equipment decommissioning. The final report should include the following: wind resource potential, plan for moving forward with development or reasoning for why development is not feasible, deviations from the original plan outlined in the application, and a narrative of the overall experience with the program.

### **Grant Contact:**

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